

ABSTRACT

The invention pertains to technological apparatus' for production of polarizers, obtained from lyotropic liquid crystals (LLC) based on organic compounds, in particular, dyes. The technological production line for polarizer formation comprises at least one system of formation of polarizer films from LLC of at least one organic compound, at least one system of local removal of the polarizer film material obtained from LLC of at least one organic compound, at least one substrate holder and at least one means of relative movement. Also introduced, an apparatus for formation of polarizer films from LLC of at least one organic compound and a system of localized removal of polarizer films obtained from LLC of at least one organic compound.